# ST. COMMUNICATIONS

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# **Hearing Aid Compatibility Status Report (FCC Form 655)**

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008063142

Filing Deadline: January 16, 2018 FRN: 0003763489

Filing Date: 01/16/2018 11:44 AM

# **General Report Information**

## **Type of Company**

Service Provider

## **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: Tri-County Communications, Inc. dba TriCounty Broadband

Brand Names: TriCounty Broadband

PO Box:

Street Address: 2193 NC 99 Hwy. South

City: Belhaven
State: NC
Zip Code: 27810

Contact Name: Teresa M Raupe
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Contact Email: terry@tricounty.us

#### **Filing Agent**

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

#### **Product Labeling**

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice

communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

N/A

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)? N/A

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Yes

Explain:

#### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.gotricounty.biz

Explain:

#### **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: Posted on website as well as in Retail Sales Center

# **Methodology for Functionality Levels**

Based on price of phone and manufacturers' details

#### **Report Remarks**

As of December 31, 2017, TriCounty Broadband is no longer a digital commercial mobile radio service provider. The information on the cellular products via www.gotricounty.biz was removed from the website as of December 31, 2017.

You have reported the following handset model summary information.

Total number of handsets offered: 21

Air Interface	Fully Hea Comp Number	atible	Acoustic Compati Number	ble Only	Non-Con Hand Number	dsets	Total by Air Interface
GSM	12	92%	1	8%			13
CDMA	18	86%	3	14%			21

You have reported the following handset model summary information.

Total number of handsets offered: 21

Air Interface	Comp	aring Aid patible Percent	Compati	Coupling ble Only Percent	Non-Compliant Handsets Number Percent	Total by Air Interface
WCDMA	12	92%	1	8%		13
LTE	13	93%	1	7%		14

# Handset 1: Apple Apple iPhone 6 Plus

# **Handset Maker**

Apple

Handset Model Name FCC ID

Apple iPhone 6 Plus BCG-E2817A

# Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz CDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

 $1900~\mathrm{MHz}~\mathrm{LTE}$ 

2100 MHz WCDMA

2100 MHz LTE

750 MHz LTE

2500 MHz LTE

2600 MHz LTE

## **Dates**

This handset model was offered from: 12/15 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### Remarks

We only offer CDMA

# Handset 2: Apple iPhone 4S 16GB

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 4S 16GB BCG-E2430A

#### Air Interfaces/Frequency Bands

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

900 MHz GSM

900 MHz WCDMA

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

2100 MHz WCDMA

#### **Dates**

This handset model was offered from: 10/13 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end feature rich A

#### Remarks

# Handset 3: Apple iPhone 5

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5 BCG-E2599A

## Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

850 MHz GSM

850 MHz LTE

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz LTE

2100 MHz CDMA

2100 MHz LTE

# **Dates**

This handset model was offered from: 01/16 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### Remarks

# Handset 4: Apple IPHONE 6S

# **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S BCG-E2946A

#### Air Interfaces/Frequency Bands

700 MHz LTE

 $800~\mathrm{MHz}~\mathrm{LTE}$ 

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz CDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2600 MHz LTE

2300 MHz LTE

2500 MHz LTE

#### **Dates**

This handset model was offered from: 12/15 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### Remarks

We only offer CDMA

# Handset 5: Apple iPhone 7

#### **Handset Maker**

Apple

#### Handset Model Name FCC ID

iPhone 7 BCG-E3091A, BCG-E3085A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2600 MHz LTE

2300 MHz LTE

2500 MHz LTE

#### **Dates**

This handset model was offered from: 11/16 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### Remarks

# Handset 6: Apple iPhone 7 Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 Plus BCG-E3087A, BCG-E3092A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz LTE

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz WCDMA

900 MHz LTE

1700 MHz WCDMA

1700 MHz LTE

 $1800~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2600 MHz LTE

2300 MHz LTE

2500 MHz LTE

#### **Dates**

This handset model was offered from: 11/16 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### Remarks

# Handset 7: i Phone 5S

#### **Handset Maker**

i Phone

Handset Model Name FCC ID

5S BCG-E2642A

## Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz CDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

750 MHz LTE

#### **Dates**

This handset model was offered from: 02/15 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

## **Functionality Level**

moderate cost very tele-coil compatible B

#### **Remarks**

We only offer CDMA

# Handset 8: i Phone 6

#### **Handset Maker**

i Phone

Handset Model Name FCC ID

6 BCG-E2816A

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

900 MHz LTE

1700 MHz CDMA

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1800 MHz LTE

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

 $1900~\mathrm{MHz}~\mathrm{LTE}$ 

2100 MHz WCDMA

2100 MHz LTE

2500 MHz LTE

2600 MHz LTE

#### **Dates**

This handset model was offered from: 07/15 to 11/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, very tele-coil compatible A

#### **Remarks**

We only offer CDMA

# **Handset 9: LG COSMOS TOUCH**

#### **Handset Maker**

LG

Handset Model Name FCC ID

COSMOS TOUCH BEJVN270, BEJMN270

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/13 to 11/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### **Functionality Level**

low cost mostly tele-coil compatible C

#### **Remarks**

# Handset 10: LG enV3 VX-9200

#### **Handset Maker**

LG

Handset Model Name FCC ID

enV3 VX-9200 BEJVX9200

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/13 to 11/17

## **Ratings**

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

low cost/very tele-coil compatible C

#### **Remarks**

## Handset 11: LG Extravert

#### **Handset Maker**

LG

Handset Model Name FCC ID

Extravert ZNFVN271

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/13 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

low cost very tele-coil compatible C

#### Remarks

# Handset 12: LG LG-VS985

#### **Handset Maker**

LG

Handset Model Name FCC ID

LG-VS985 ZNFVS985, ZNFLS990, ZNFUS990

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

2100 MHz WCDMA

2100 MHz LTE

2600 MHz LTE

# **Dates**

This handset model was offered from: 09/15 to 11/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

#### **Functionality Level**

moderate cost, mostly tele-coil compatible B

#### **Remarks**

We only offer CDMA

# Handset 13: Samsung Chrono 2 R270

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Chrono 2 R270 A3LSCHR270

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1700 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/13 to 11/17

## **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### **Functionality Level**

low cost/very tele-coil compatible C

#### Remarks

# Handset 14: Samsung Freeform 4

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Freeform 4 A3LSCHR390, A3LSCHR390A

# Air Interfaces/Frequency Bands

850 MHz CDMA 1700 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 11/13 to 11/17

#### **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

low cost very tele-coil compatible C

## Remarks

# **Handset 15: Samsung Galaxy Core Prime**

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy Core Prime A3LSMG360V, A3LSMG360P

# Air Interfaces/Frequency Bands

800 MHz CDMA

 $850~\mathrm{MHz}~\mathrm{CDMA}$ 

 $850~\mathrm{MHz}~\mathrm{LTE}$ 

1900 MHz CDMA

1900 MHz LTE

2500 MHz LTE

#### **Dates**

This handset model was offered from: 10/15 to 11/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

low cost, very tele-coil compatible C

#### **Remarks**

We only offer CDMA

# Handset 16: Samsung Galaxy S4 Mini

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S4 Mini A3LSCHI435

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

2100 MHz WCDMA

2100 MHz LTE

#### **Dates**

This handset model was offered from: 09/15 to 11/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

low cost, mostly tele-coil compatible C

#### **Remarks**

We only offer CDMA

# Handset 17: Samsung GALAXY S6

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

GALAXY S6 A3LSMG920V, A3LSMG920P, A3LSMG920R4

# Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

# **Dates**

This handset model was offered from: 09/15 to 11/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, mostly tele-coil compatible A

#### **Remarks**

We only offer CDMA

# Handset 18: Samsung Galaxy S7

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 A3LSMG930US, A3LSMG930W8, A3LSMG930F

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

850 MHz LTE

900 MHz GSM

1700 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

1900 MHz LTE

2100 MHz WCDMA

2100 MHz LTE

2300 MHz LTE

2500 MHz LTE

#### **Dates**

This handset model was offered from: 07/16 to 11/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

high end/feature rich, mostly tele-coil compatible A

# Remarks

# Handset 19: Samsung I110 Illusion

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

I110 Illusion A3LSCHI110

#### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 11/13 to 11/17

# **Ratings**

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### **Functionality Level**

low cost very compatible C

#### Remarks

# Handset 20: Samsung Samsung Galaxy S4

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Samsung Galaxy S4 A3LSCHI545, A3LSPHL720, A3LSPHL720T

#### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

900 MHz GSM

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

2100 MHz WCDMA

2100 MHz LTE

#### **Dates**

This handset model was offered from: 09/15 to 11/17

# **Ratings**

M-Rating: M3

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

moderate cost, mostly compatible B

#### Remarks

We only offer CDMA

# Handset 21: Samsung Samsung Galaxy S5

#### **Handset Maker**

Samsung

#### **Handset Model Name** FCC ID

Samsung Galaxy S5 A3LSMG900V, A3LSMG900P, A3LSMG900R7

## Air Interfaces/Frequency Bands

850 MHz GSM

850 MHz CDMA

850 MHz WCDMA

900 MHz GSM

900 MHz WCDMA

1700 MHz LTE

1800 MHz GSM

1900 MHz GSM

1900 MHz CDMA

1900 MHz WCDMA

2100 MHz WCDMA

2100 MHz LTE

#### **Dates**

This handset model was offered from: 09/15 to 11/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? Y

# **Functionality Level**

moderate cost, mostly tele-coil compatible B

#### **Remarks**

We only offer CDMA

# Certification

# This Report has been certified by:

Gregory S Coltrain Mr. CEO/General Manager 01/16/2018 11:44 AM